

A turbojet engine contains a fixed structure, a rotor of fan fastened on a drive shaft (5), which is supported by the first bearing (6) and the second bearing (7), which are installed on the structure and are fastened by a carrying supporting component (11, 19), in the case the first bearing (6) is installed on the fixed structure of the turbojet engine through a device (13), which allows to disconnect thereof from the fixed structure. Furthermore, it contains arrangements, which give the possibility of axial displacement of the second bearing (7) relative to the fixed structure of turbojet engine when the first bearing (6) is disconnected, in the case the second bearing (7) is installed on the carrying supporting component (19) through a connection, which acts as a spherical joint (23, 24). Therefore the function of centering, which the second bearing (7) performs after disconnection of the first bearing (6), is provided without introduction of excessive stresses into the bearing (7).